Z
669
58
.3
0·9
logical
Medical
nals

Ophthalmic Literature

VOL. III. SEPTEMBER, 1913. NO. 9.

Published Monthly by EDWARD JACKSON, 530 Metropolitan Building, Denver, Colorado, U. S. A.

Price, Five Dollars per Year, in Advance.

CONTENTS.

The Flood of Literature.... 129
Book Notices 131
Index of Ophthalmology.... 132
Orbital Cysts and Microphthalmos, with Anomalies of Retina and Choroid.... 144

Entered as second-class matter November 6, 1912, at the Postoffice at Denver, Colorado, under the Act of March 3, 1879.

Advertisement.

Books by James Thorington, A. M., M. D.

Professor of Diseases of the Eye in the Philadelphia Polyclinic; Ophthalmic Surgeon, Presbyterian Hospital; Ophthalmologist to the Elwyn, Vineland and New Jersey State Training Schools for Feeble-Minded Children; late Lecturer on the Anatomy, Physiology and Care of the Eyes in the Philadelphia Manual Training Schools, etc.

PRISMS THEIR USE AND EQUIVALENTS

INCORPORATING THE AUTHOR'S DOUBLE PRISM, A NEW AND DELICATE TEST FOR THE DETECTION OF MUSCULAR IMBALANCE.

Small Octavo. 118 Illustrations. 18 Colored. Cloth, $2.00 Postpaid.

Retinoscopy. Sixth Edition. The use of the Shadow Test in the Determination of Refraction at One Meter Distance with the Plane Mirror. Sixth Edition. Enlarged. With 61 Illustrations, 10 in Colors. 12mo. **Cloth, $1.00, Postpaid.**

The Ophthalmoscope and How to Use It. With Descriptions and Treatment of the Principal Diseases of the Fundus. Witih 12 Colored Plates and 73 other Illustrations. 12mo. xi+298 Pages. **Cloth, $2.50 Postpaid.**

Refraction and How to Refract. Fifth Edition. 251 Illustrations, most of which are from Original Drawings and 13 of which are in Colors. Fifth Edition. Revised, Rewritten and Rearranged. 12mo. xviii+324 Pages. **Cloth, $1.50 Postpaid.**

P. BLAKISTON'S SONS & CO.

PUBLISHERS

1012 WALNUT STREET. PHILADELPHIA.

ARCHIVES OF OPHTHALMOLOGY

Founded in 1869 by Dr. Herman Knapp. Edited by Dr. Arnold Knapp, of New York, Dr. Carl Hess, of Würzburg, and Dr. W. A. Holden, of New York. A bi-monthly journal, making an annual volume of 600 pages. Illustrated. Containing original papers, a systematic report on the progress of ophthalmology, reports of societies, etc. Price $5.00 per year. G. P. Putnam's Sons, 2 West 45th St., New York.

THE OPHTHALMIC REVIEW

A record of ophthalmic science. Editor, J. B. Lawford, London. Assistant editor, E. Erskine Henderson, London. Published monthly; annual volume of 395 pages. Contains original papers, reviews of articles published elsewhere, and reports of societies. Price 12 shillings per year. Sherratt and Hughes, 33 Soho Sq. W., London.

THE AMERICAN JOURNAL OF OPHTHALMOLOGY

Edited and published monthly by Adolf Alt, M. D. Assistant Ediditor, J. F. Shoemaker, M. D. An annual volume of 400 pages, containing original articles, translations, reports of medical societies, abstracts from medical literature, and book reviews. Price, $3.50 per year in advance. 316 Metropolitan Bldg., St. Louis, Mo.

THE OPHTHALMIC RECORD

A monthly journal of ophthalmology. T. H. Shastid, M.D., Editorial Secretary. Nine editors, and eighteen collaborators. One annual volume of 700 pages, containing original articles, reports of societies, editorials and news items. Price $4.00 per annum in advance, in United States, Canada and Mexico. Elsewhere, $4.50 per annum. 7 West Madison St., Chicago, Ill. Editor's address, Marion, Ill.

ANNALS OF OPHTHALMOLOGY

A quarterly journal and review of ophthalmic science, founded by James Pleasant Parker. Editors, Meyer Wiener, M. D., and Clarence Loeb, M. D. Annual volume of 850 pages. Publishes original papers, abstracts of ophthalmic literature of United States, and other countries, society proceedings and book reviews. Price per annum, $4.00 in United States; 18 shillings elsewhere. Jones H. Parker, Mermod-Jaccard Bldg., St. Louis, Mo.

THE OPHTHALMOSCOPE

A monthly review of current ophthalmology. Editor, Sydney Stephenson, London; Sub-Editor, Ernest Thomson, Glasgow; Editorial Secretary, T. Harrison Butler, Leamington. Annual volume of 750 pages. Illustrated. Contains original communications, clinical memoranda, translations, current literature (classified by subjects) book notices, etc. Price per year, 20 shillings. George Pulman and Sons, Ltd., 24-27 Thayer St., Manchester Square, West, London.

OPHTHALMOLOGY

Essays, abstracts and reviews. H. V. Würdemann, M. D., Seattle, Managing Editor and Publisher. Issued quarterly. Annual volume of 660 pages. Contains original articles, abstracts, classified according to subject, and book reviews. Price $5.00 per year. H. V. Würdemann, 711-714 Cobb Bldg., Seattle, Wn., U. S. A.

Ophthalmic Literature

VOL. III. SEPTEMBER, 1913. NO. 9.

Edited by EDWARD JACKSON. Assisted by WILLIAM H. CRISP.

THE FLOOD OF LITERATURE.

"Of making many books there is no end, and much study is a weariness of the flesh," became current fifteen hundred years before the invention of printing, and two thousand years before the era of the newspaper and modern magazine. The literary flood has gone on increasing, and with it has been put forth much effort to master the chaotic mass of mental excretion spread abroad by the printing press. The encyclopedia, which undertakes to gather together and systematize the useful parts of scattered information, dates back to the days of Greece. The Natural History of Pliny is said to have utilized two thousand books by nearly five hundred different authors.

In the field of medicine the problem of how to deal with literature in excess of the capacity of the mind to master and utilize it has followed the multiplication and extension of medical journals. The practical efforts to meet the difficulty have hitherto been chiefly directed to making available by selection and classification the valuable suggestions and experience buried in the general mass. Schmidt's Jahrbücher, Braithwaite's Retrospect and the Index Medicus are successful efforts to accomplish something in this direction. The abstract departments of our medical journals are a similar attempt, although they too often show an effort to fill pages rather than a careful selection and classification.

TO CONTROL THE FLOOD.

Librarians and editors, constantly struggling with and in this inundation of printed pages, feel most acutely the need to diminish the quantity and improve the quality of the literary output. Like other flood victims, they may be inclined to catch at straws. But, however inefficient some of the suggestions may prove, the seriousness of the situation is real, and the importance of attempting to deal with it cannot be overstated.

We have already noticed the suggestion of society control of journals (page 97), and pointed out that the special literature of ophthalmology was a good field to try it in. The establishing and taking over of medical journals by State Medical Societies was begun more to eliminate objectionable advertising than to raise the literary standard of medical publications. It has not always accomplished its primary object, for we have in mind at least three State Medical Societies that have been induced to lend their names to the most objectionable exploiting of proprietary medicines. Still, on the whole, the tone of the advertising pages has been very much improved by these society journals, and at the same time the scientific pages have conformed to a higher standard than did their predecessors, through

which the proceedings of local medical societies and the communications of general practitioners found their way into print.

It is to be hoped that society control of our special journals would lay upon editors a sense of responsibility, a consciousness of judgment by the profession, that would eliminate some of the most unworthy communications; which seem to be given place in privately controlled journals, simply to fill space and make the journal appear as large as its rivals. It is probable that an editor responsible to his colleagues for the good name of a scientific society in which they had a common interest would be more careful about admitting absolutely worthless papers than one whose responsibility ended with himself. But the success and value of society control will depend on the interest and active support of the members of the society.

WHO WILL CENSOR THE CENSORS?

This question has often been asked as if it were unanswerable, and as discrediting a proposed plan of censorship. But in these days of direct legislation and the recall of judicial decisions, it only calls attention to the need of broad foundations for any attempt to raise and maintain higher literary standards. The mistakes often made by those in authority tend to bring censorship into disrepute. But if the general membership of a body evince interest and have a good understanding of the judgments passed by their representatives, they will by sitting in judgment upon the judges, secure the highest performance of the censorial function.

A medical society supervising a medical journal would be effective and elevating in its influence to just the extent that its general membership took an interest in maintaining a better standard of medical journalism. By bringing the bulk of members to appreciate good medical literature, and the folly of printing pages of what is not worth printing, those charged with the direct editorial function will be encouraged to exclude the lowest grade of papers offered, to demand the careful expression of views and experience that are worth calling attention to, and to put forth the effort needed to avoid those manifold instances of carelessness that result in typographic errors.

TO DIFFUSE LITERARY TASTE AND JUDGMENT.

The censorship over a journal or even the publication of a volume of transactions, ought not to be lightly entered upon by a scientific society or left wholly to a secretary or a small committee. Careful consideration should be given to the responsibility assumed, and full discussions had of the purposes to be aimed at, and the possible ways of accomplishing them. But even farther back than this, the cultivation of the desire for literary excellence in medical literature, training in the way to seek it in the contributions of others and loyalty to its demands in one's own productions should be instilled into the medical undergraduate. In every medical school there should be instruction and practical training in dealing with medical literature. The recent graduate should have, not only the facts he has been able to retain from crowded lectures and clinics and in his text-books and his notes; he should also know how and where to look for the more gen-

eral aid and counsel that the medical profession offers him through its literature. It is a disgrace to the medical profession and the source of other disgraceful things that the recent medical graduate has too often been turned out largely at the mercy of the detail man, the proprietary medicine advertiser and the cheap, quackish proprietary medical journal. And this lamentable state of ignorance and helplessness too often lasts after the would-be specialist has taken his "post-graduate course" and hung out his sign as a specialist, but never having read a single number of a journal devoted to his specialty.

BOOK NOTICES.

ABSTRACT-BULLETIN OF THE PHYSICAL LABORATORY OF THE NATIONAL ELECTRIC LAMP ASSOCIATION. Edward P. Hyde, Director. 8 vo. 127 pages, illustrated. Physical Laboratory of the National Electric Lamp Association, Cleveland. 1913.

The commercial interests devoted to manufacturing and installing the apparatus for modern artificial lighting have appreciated the importance of developing the science on which their industry rests. By the original investigations they have fostered, important facts in physical and physiologic optics have been established.

This book contains abstracts of all the scientific papers that have emanated from this laboratory, from its beginning in 1908, to 1912. These papers, twenty-eight in number, have been abstracted for this volume by their authors. They have been published in full in different scientific (chiefly engineering) journals, reference to each of which is given at the head of the abstract. It is hoped that these abstracts "may be satisfactory substitutes for the original papers." Many of the subjects treated can only interest the ophthalmologist as collateral reading in optics. But about one-third of them, like "A Visual Acuity Test Object," by H. E. Ives; "The Dependence of Visual Acuity on the Wave Length of Light," by M. Luckiesh, and "The Influence of Illumination of the Eye on Visual Acuity," by P. W. Cobb, are of direct ophthalmic interest. For the purposes of most readers this small volume of abstracts will be far more useful than would a bulky volume containing all these papers in full.

Ask, F., Lund, Sweden. Studien über die pathologische Anatomie der erworbenen Linsenluxationen nebst Beiträgen zur Kenntniss der pathologischen Anatomie der Spontanresorption der Linse in geschlossener Kapsel und der traumatischen Irisablösung. 8vo. 165 pages, 23 ill., and 10 plates. Wiesbaden: J. F. Bergmann.

The scope of this book is pretty well set forth in its title. It represents original work done chiefly in the Freiburg Eye Clinic, together with citations from the literature of the subject. It constitutes a valuable work of reference for students of these abnormalities of the crystalline lens and iris.

Index of Ophthalmology

DIAGNOSIS.

Dor, L. Scale of Visual Acuity for Illiterates. Clin. Ophth., xix, p. 536.
Hird, R. B. A Hand Perimeter. Ophthalmoscope, xi, p. 540.
Reuter. Lamp for Diaphanoscopy. Münch. Med. Woch., No. 28.
Dilthey, W. Testing Vision with the Hydrodiascope. Munich Thesis.

THERAPEUTICS.

Dubar, Jr. Carbonic Snow in Ocular Disease. Echo Méd. du Nord, xvii, p. 178.

Dutoit, A. Experiences with Physostigmin in Olive Oil. Zeit. f. Augenh., xxx, p. 132.

Helfrich, C. H. Useful Remedies in Ocular Therapeutics. Jour. Ophth. Otol. and Laryngol., xix, p. 370.

Hönig, A. Metanephrin, Adrenalin Preparation in Ophthalmology. Gyogyaszat, Budapest, lii, p. 118.

Motolese, F. Cusylol in Ophthalmology. (1 ill.) Ann. di Ott., xlii, p. 176.

Wessely, K. Action of Eserin. Cent. f. p. Augenh., xxxvii, p. 303.

Repeated Titles. **Janson** (iii, p. 85) Ophth. Rev., xxxii, p. 268. **Rohmer** (iii, p. 3) Ophthalmoscope, xi, p. 562. **Wolfflin** (iii, p. 53) Ibid., p. 562.

OPERATIONS.

Allport, F. Fixation Forceps. (1 ill.) Ophth. Rec., xxii, p. 423.

Krückmann. Prophylactic Conjunctival Flap in Corneal Wounds and Lens Extraction. (4 ill.) Cent. f. p. Augenh., xxxvii, p. 262.

Stevenson, E. Points in Modern Eye Surgery. Ophthalmoscope., xi, 562.

Terson, A. Disinfection of Hands Before Operations. Ann. d'Ocul., cl, p. 92.

REFRACTION.

Allan, J. Refraction Work in School Children. Brit. Jour. Children's Diseases, x, p. 355.

Brewerton, E. W. Method of Finding Position of Lens Center by Reflected Images. Ophth. Soc. United Kingdom, xxxiii, p. 227.

Clarke, E. Age and Accommodation. Int. Med. Cong., Brit. Med. Jour., Aug. 16, p. 396.

Downey, J. W., Jr. Monocular Paralysis of Accommodation Due to Lues. Jour. Amer. Med. Assn., lxi, p. 1043.

Greenwood, A. Ocular Vertigo. Ibid., p. 1164.

Harman, N. B. Scheme for Grading Fundus Changes in High Myopia. (2 pl., 7 ill.) (Bibl.) Ophth. Soc. United Kingdom, xxxiii, p. 202.

Maddox, E. E. Optical Method of Rectifying Cataract Lenses. Ophth. Rev., xxxii, p. 261.

Mallurtz, A. Subconjunctival Injections for Intraocular Complications of High Myopia. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 354.

Perez Bufill. Operative Cure of Myopia. Arch. de Oft., xiii, p. 341.

Pettet, R. D. Mechanics of Fitting Glasses. 84 pages. Chicago, Topaz and Kaemerle.

Risley, S. D. Is Percentage of Myopic Eyes Diminishing? Jour. Amer. Med. Assn., lxi, p. 1169.

Shahan, W. E. Equivalent Values in Spectacle Lenses. (4 ill.) Ibid., p. 1133.

Stegener. Progress in the Making of Lenses. Arch. d'Opht., xxxiii, p. 526.

Theobald, S. Example of Subnormal Accommodative Power. Bull. Johns Hopkins Hosp., xxiv, p. 282.

Villaservaglios, C. Radioactive Therapy in Asthenopia. Prat. Ocul., xi, p. 49.

Wolffberg. Improved Lorgnette for Test Lenses. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 370.

OCULAR MOVEMENTS.

Aubineau and Lenoble. Myoclonic Nystagmus. Arch. d'Opht., xxxiii, p. 503.

Barnes, S. Ocular Paralysis. Birmingham Med. Rev., lxxxiii, p. 232.

Cunningham, J. F. Paresis of Both Internal Recti. Ophth. Soc. United Kingdom, xxxiii, p. 156.

De Grosz. Treatment of Strabismus. Soc. Belge d'Opht., No. 36, p. 14.

Dwyer, J. G. Ocular Nerve Paralysis. Arch. of Ophth., xlii, p. 505.

Eppenstein, A. Disturbance in Association of Eye Movements. (8 ill., Bibl.) Klin. M. f. Augenh., Aug., p. 217.

Farnarier, F. Diphtheritic Paralysis of Accommodation with Mydriasis and Paralysis of Convergence. Clin. Opht., xix, p. 489.

Grimsdale, H. B., and Gunning, C. J. Retraction of Right Eye on Looking to Left. Ophth. Soc. United Kingdom, xxxiii, p. 228.

Lataillade, E. Paralysis of Both Externi and Accommodation. (Bibl.) Ann. d'Ocul., cl, p. 117.

Lemere, H. B. Esophoria; Its Relation to Convergence Insufficiency. Jour. Amer. Med. Assn., lxi, p. 1161.

Maddox, E. E. Wing Test for Heterophoria. (3 ill.) Ophth. Soc. United Kingdom, xxxiii, p. 220.

Mangold, E., and Löwenstein, A. Experimental One-sided Nystagmus. (1 ill.) Klin. M. f. Augenh., Aug., p. 207.

Mosso, G. Alternating Mydriasis and Spasm with Congenital Unilateral Oculo-motor Paralysis. (Bibl.) Ann. di Ott., xlii, p. 231.

Rochester, A. Early Sign of Paresis of Facial Nerve. Ophth. Rec., xxii, p. 421.

Rutten. Questionnaire on Miners' Nystagmus in France. Soc. Belge d'Opht., No. 36, p. 108.

Tacke. Ophthalmoplegia Externa with Trigeminal Neuralgia. Ibid., p. 98.

Repeated Titles. **Asmus** (iii, p. 86) Ophth. Lit., iii, p. 127. **Brandenburg** (ii, p. 117) Ophthalmoscope, xi, p. 542. **Salus** (ii, p. 117) Ibid., p. 549.

CONJUNCTIVA.

Angelucci, Etiology of Conjunctivitis. Int. Med. Cong., Brit. Med. Jour., Aug. 16, p. 396.

Bordley, J. Pemphigus of Conjunctiva. Ophth. Rec., xxii, p. 545.

Claiborne, J. H. Severe Caustic Effect Upon Eye by Two Per Cent Solution of Silver Nitrate. Med. Times, xli, p. 274.

Control of Trachoma in Public Schools. Med. Rec., lxxxiv, p. 530.

Dehouges, J L. Xerophthalmia Symblepharon and Ankyloblepharon. Arch. de Oft., xiii, p. 357.

De Poppen, A. Amyloid Degeneration of Conjunctiva and Tarsal Cartilage. (4 ill.) Ann. d'Ocul., cl, p. 108.

Greene, H. C. Preventable Blindness. Jour. Amer. Med. Assn., lxi, p. 1156.

Green, J., Jr. Prevalence of Trachoma in United States. Interstate Med. Jour., xx, p. 545.

Hartman, R. Etiology of Conjunctival Inflammation. Jena Thesis.

Henri and Carlo. School Epidemic of Conjunctivitis. Rev. Int. d'Hyg. et de Thérap. Oculaires, vii, p. 115.

Howe, L. Temperature of Conjunctiva. (7 ill.) Jour. Amer. Med. Assn., lxi, p. 1124.

Knapp, A. Trachoma Follicles in Cornea. Arch. of Ophth., xlii, p. 514.

Kuhnt. Surgical Treatment of Trachoma. (Dis.) Soc. Belge d'Opht., No. 36, p. 23.

Lauber. Molluscum Contagiosum. Zeit. f. Augenh., xxx, p. 246.

Lerperger. Inflammation of Conjunctiva. Zeit. f. Augenh., xxx, p. 247.

Lewis, F. P. State Nurses for Ophthalmia Neonatorum Cases. Ophth. Rec. 22, p. 583.

McMullen, J. Trachoma Among Immigrants. Jour. Amer. Med. Assn., lxi, p. 1110.

Mellinger. Parinaud's Conjunctivitis. Arch. d'Opht., xxxiii, p. 524.

Ruata, V. New Micrococci From Conjunctiva of Hog. Arch. di Ott., xix, p. 589.

Rudas, J. Treatment of Trachoma with Iodic Acid. Arch. of Ophth., xlii, p. 497.

Sattler, R. Ocular Birth Infections. Lancet Clin., cx, p. 246, 272.

Savy, P., and Genet. Metastatic Blennorrhagic Conjunctivitis. Bull. Soc. Méd. d. Hôp. de Lyon, xi, p. 208.

Schereschewsky, J. W. Trachoma Among Indians. Jour. Amer. Med. Assn., lxi, p. 1113.

Spratt, C. N. Primary Lues of Bulbar Conjunctiva. (1 ill.) Jour. Amer. Med. Assn., lxi, p. 1179.

Stoll, K. L. Trachoma. Lancet-Clin., cx, p. 276.

Stucky, J. A. Trachoma Among Natives in Mountains of Kentucky. Jour. Amer. Med. Assn., lxi, p. 1116.

Süssmann, R. Inclusion Blenorrhea of the New-born. Deut. Med. Woch., xxxix, Aug. 7. Jour. A. M. A., lxi, p. 1003.

Tristaino, B. Cusylol in Trachoma. Arch. di Ott., xix, p. 572.

Verhoeff, F. H. Bacteriology of Parinaud's Conjunctivitis. (Dis.) Inter. Med. Cong., Brit. Med. Jour., Aug. 16, p. 398.

Weeks, J. E. Shrinkage of Conjunctiva. Arch. of Ophth., xlii, p. 503.

Williams, A. W. Trachoma in New York City School Children. Arch. of Ophth., xlii, p. 507.

Repeated Titles. **Colombo** (ii, p. 101) Ophth. Rev., xxxii, p. 264. **Lazarew** and **Petroff** (iii, p. 102) Ibid., p. 278. **Lindner** (iii, p. 38) Ibid., p. 276. **Wawoulin** (iii, p. 55) Ibid., p. 286.

CORNEA AND SCLERA.

Antonelli. Oval Cornea and Blue Sclerotics of Hereditary Origin. Arch. d'Opht., xxxiii, p. 491.

Bailliart and **Blutel.** Corneal Lesions of Acne Rosacea. (Bibl.) Arch. d'Opht., xxxiii, p. 507.

Bonino, E. Nodular Sclero-episcleritis with Keratitis and Anterior Uveitis. Ann. di Ott., xlii, p. 115.

Claiborne, J. H. Abscission of Cornea. Arch. of Ophth., xlii, p. 575.

Collins, E. T. Congenital Anterior Staphyloma. (3 pl.) Ophth. Soc., United Kingdom, xxxiii, p. 158.

Danila, P. Syphilitic Keratitis in Rabbit. Compt. rend. Soc. de Biol., lxxiv, p. 910.

De Lapersonne, F. Cysts of Sclera by Traumatic Epithelial Inclusions. (4 ill.) Cent. f. p. Augenh., xxxvii, p. 265.

Dimmer, F. Ocular Disease Due to Mold Fungi. (2 pl., Bibl.) Klin. M. f. Augenh., Aug., p. 194.

Operation for Partial Staphyloma of Cornea. (3 ill.) Ibid., p. 226.

Fuchs, E. Corneal Dystrophy with Tabes. Ibid., p. 260.

Gallenga, C. Serpent Ulcer of Cornea. Pensiero Med. Milan, iii, p. 321.

Juler, F. A. Purulent Keratitis in Exophthalmic Goitre; Tarsorrhaphy, Resection of Cervical Sympathetic and X-rays. (Bibl.) (2 ill.) Ophth. Soc. United Kingdom, xxxiii, p. 58.

Killick, C. Pannus of Lower Cornea. Ibid., p. 56.

Lauber. Sclero-keratitis with Heart Disease. Zeit. f. Augenh., xxx, p. 246.

Lerperger. Solitary Tubercle of Sclera. Ibid., p. 248.

Liègard. Parenchymatous Keratitis Treated by Salvarsan. Clin. Opht., xix, p. 496.

Metz, R. B. Tuberculous Scleritis. Cleveland Med. Jour., xii, p. 407.

Motolese, F. Epithelial Dystrophy of Cornea. Ann. di Ott., xlii, p. 272.

Paton, L. Rodent Ulcer Treated with Carbon Dioxid Snow. Ophth. Soc. United Kingdom, xxxiii, p. 56.

Peters, A. Congenital Alterations of Sclera. (1 ill.) Cent. f. p. Augenh., xxxvii, p. 279.

Sauri, R. Infected Ulcer of Cornea. Use of Antidiphtheritic Serum. An. de Oft., xv, p. 461.

Schnaudigel, O. Corneal Lesions After Narcosis. Münch. Med. Woch., lx, p. 1600.

Stephenson, S. Striate Clearing of Corneal Cicatrices. (1 pl.) Ophth. Soc. United Kingdom, xxxiii, p. 79.

Verderame, F. Nerves of Human Cornea. Ann. di Ott., xlii, p. 112.

Von Mende, R. Mucous Membrane of Lip for Cosmetic Keratoplasty. Klin. M. f. Augenh., Aug., p. 238.

Von Szily, A. Regeneration in Healing of Excised Cornea. (4 ill.) Soc. Belge d'Opht., No. 36, p. 45.

Walter, W. Phlyctenular Ophthalmia and Episcleritis. Jour. Amer. Med. Assn., lxi, p. 1144.

Weekers, L. Experimental Studies on Thermo-therapy of Progressive Corneal Ulcers. (6 ill.) Soc. Belge d'Opht., No. 36, p. 52.

Weeks, J. E. Keratoconus. (1 ill.) Arch. of Ophth., xlii, p. 457.

Wirths, M. Congenital Staphyloma of Cornea. (3 ill., Bibl.) Beit. z. Augenh., lxxxvi, p. 521.

Worton, A. S. Calcareous Degeneration in Old Corneal Opacity. Ophth. Soc., United Kingdom, xxxiii, p. 81.

Wray, C. Annular Opacity of Cornea with Curious and Movable Vascular Formations. Ophth. Soc. United Kingdom, xxxiii, p. 79. Late State of Keratitis Disciformis. Ibid., p. 80.

Repeated Titles. **Attias** (iii, p. 6) Ophthalmoscope, xi, p. 547. **De Caralt** (iii, p. 70) Ibid., p. 561. **Lacompte** (ii, p. 149) Ophth. Rev., xxxii, p. 283.

ANTERIOR CHAMBER AND PUPIL.

Buchanan, L. Pectinate Ligament. Intern. Med. Cong., Brit. Med. Jour., Aug. 16, p. 399.

Salas and Ribas. Seclusion of Pupil. Rev. Med. de Sevilla, lx, p. 129.

Somogyi, R. Vagotonic Pupillary Phenomenon. Wien. Klin. Woch., xxvi, p. 1331.

Walker, C. B. Topical Diagnostic Value of Hemianopic Pupillary Reactions and the Wilbrand Hemianopic Phenomenon. (4 ill.) Jour. Amer. Med. Assn., lxi, p. 1152.

UVEAL TRACT.

Axenfeld. Congenital Aplasia of Anterior Layer of Iris. Soc. Belge d'Opht., No. 36, p. 43.

Bellwinkel, E. Herpes of Iris. Munich Thesis.

Collins, E. T. Pathologic Report of Doyne's Choroiditis (Honey Comb or Family Choroiditis). (1 ill.) Ophthalmoscope, xi, p. 537. Fibrous Tissue with Fetal Vascular System, with Vessels on Iris (2 pl.) (Bibl.) Ophth. Soc. United Kingdom, xxxiii, p. 173.

Garcia Mansilla, D. S. Hereditary Syphilitic Iritis. Arch. de Oft., xiii, p. 362.

Holloway, T. B. Complete Bilateral Aniridia; Ectopia Lentis and Pathologic Cupping of Discs. Ophth. Rec., xxii, p. 540.

Rübel, E. Congenital Hypoplasia of Anterior Layer of Iris. (Bibl.) (2 col. ill.) Klin. M. f. Augenh., Aug., p. 174.

Schweinitz, G. E. de. Chronic Uveitis (Dis.) Inter. Med. Cong., Brit. Med. Jour., Aug. 16, p. 396.

Verhoeff, F. H. Experimental Production of Sclero-keratitis and Chronic Intraocular Tuberculosis. (8 ill.) Arch. of Ophth., xlii, p. 471.

Woodward, J. H. Syphilis of Choroid and Retina with Negative Wassermann. Urol. and Cutan. Rev., xvii, p. 237.

SYMPATHETIC DISEASE.

Cramer, E. Anaphylactic Origin of Sympathetic Inflammation. Klin. M. f. Augenh., Aug., p. 205.

Dehenne and Bailliart. Sympathetic Ophthalmia. Clin. Opht., xix, p. 482.

De la Pedraja, J. Enucleation in Sympathetic Ophthalmia. Rev. Ibero.-Am. de Cien. Med. Madrid, xxix, p. 237.

Repeated Titles. **Perlmann** (iii, p. 39) Ophth. Rev., xxxii, p. 272. **Purtscher** (ii, p. 185) Ibid., p. 274. **Rouschkowski** (iii, p. 71) Ibid., p. 276.

GLAUCOMA.

Abadie. Prognosis of Glaucoma. Clin. Opht., xix, p. 506.

Alexandrescu, P. Cytology and the Aqueous Humor. Compt. Rend. Soc. de Biol., lxxiv, p. 967.

Bettremieux. Simple Sclerectomy in Acute Glaucoma. Ann. d'Ocul., cl, p. 97.

Collins, E. T. Buphthalmos. Ophth. Soc. United Kingdom, xxxiii, p. 193.

Cournet. Glaucoma and Cataract. Toulouse Thesis.

Dor, L. Amputation of Anterior Segment of Eye in Buphthalmos. Clin. Opht., xix, p. 534.

Elliot, R. H. Trephining in Glaucoma, Acute and Chronic. Ophthalmoscope, xi, p. 523.

Harrower, D. Chronic Glaucoma Simplex Treated by Iridotasis. Arch. of Ophth., xlii, p. 486.

Hertel. Changes of Intraocular Pressure Through Osmotic Processes. Soc. Belge d'Opht., No. 36, p. 18.

Jennings, J. E. Anterior Scleral Trephining in Glaucoma. Bull. St. Louis Med. Soc., vii, p. 400.

Johnson, G. L. New Operative Treatment of Glaucoma. (1 ill.) Ophthalmoscope, xi, p. 539.

Kuhnt, H. Late Infection After Elliot Trephining. Zeit. f. Augenh., xxx, p. 137.

Lauber. Lids and Palpebral Fissure in Hydrophthalmos. Ibid., p. 246.

Lawson, A. Glaucoma Treated for Thirteen Years Without Operation. Ophth. Soc. United Kingdom, xxxiii, p. 194.

Leboucq and Nuel. Lymphatics of Eye and Orbit. (Dis.) Soc. Belge d'Opht., No. 36, p. 63.

Lobo, M. N. Glaucoma in Hot Countries. An. de Oft., xv, p. 464.

Löhlein, W. Glaucoma in the Young. (1 ill., 1 pl., Bibl.) Graefe's Arch. f. Ophth., lxxxv, p. 393.

Sattler, R. Modern Viewpoints of Glaucoma. Jour. Amer. Med. Assn., lxi, p. 1094.

Schoenberg, M. J. Intraocular Pressure and Ocular Drainage. Jour. Amer. Med. Assn., lxi, p. 1098.

Schur. Experience with Trephining for Glaucoma. Klin. M. f. Augenh., Aug., p. 245.

Smith, P. Treatment of Glaucoma. (Dis.) Inter. Med. Cong., Brit. Med. Jour., Aug. 16, p. 397.

Straschoune-Mintz. Trephining the Sclera in Glaucoma. (Elliot.) Paris Thesis, 1913.

Wagner. Contribution to Study of Glaucoma. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 363.

Verderame, F. Effect of Injections of Sodium Chloride on Ocular Tension. (Bibl.) Ann. di Ott., xlii, p. 73.

Zentmayer, W. Hydrophthalmos, Presenting Congenital Coloboma. Jour. Amer. Med. Assn., lxi, p. 1103.

Zubizarreta. Glaucoma. Semana Med., xx, July 10.

Repeated Titles. **Nehr** (iii, p. 104) Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 371. **Uhthoff** (iii, p. 120) Klin. M. f. Augenh., Aug., p. 248. **Warlomont** (iii, p. 24) Ophthalmoscope, xi, p. 550.

LENS.

Burdon-Cooper, J. Chemistry of Senile Cataract. Inter. Med. Cong., Brit. Med. Jour., Aug. 16, p. 397.

Campos, E. Peripheral Iridectomy to Prevent Iris Prolapse. Tribuna Med., xix, p. 55.

Chevallereau, A. Corneal Suture in Cataract Operations. (Dis.) Soc. Belge d'Opht., No. 36, p. 69.

Fuchs, E. Opacification of Crystalline Following Corneal Suppuration. (2 ill.) Ann. d'Ocul., cl, p. 81. Soc. Belge d'Opht., No. 36, p. 27.

Holloway, T. B. Unusual Types of Punctate Cataract. (2 ill.) Ophth. Rec., xxii, p. 407.

Hudson, A. C. Ring-shaped Marking at Posterior Surface of Each Lens. Ophth. Soc. United Kingdom, xxxiii, p. 191.

Double Coloboma of Lens with Peculiar Lens Opacities. (1 pl.) Ibid., p. 190.

Kellogg, F. B. Spontaneous Cataract Operation. Jour. Ophth. Otol. and Laryngol., xix, p. 361.

Magnien. Medical Treatment of Senile Cataract. Nancy Thesis, 1913.

McAllister, J. C. Spontaneous Dislocation of Both Lenses into Vitreous. Ophth. Rec., xxii, p. 539.

Meisner. Greenish Lens Opacity. Zeit. f. Augenh., xxx, p. 249.

Parker, W. R. Post-cataract Extraction Delirium. Jour. Amer. Med. Assn., lxi, p. 1174.

Prelat. Traumatic Cataract Without Penetrating Wound. Arch. d'Opht., xxxiii, p. 528.

Purtscher, O. Ring-shaped Opacity of Anterior Lens Surface. (Bibl.) Cent. f. p. Augenh., xxxvii, p. 282.

Rollet and Genet. Congenital Family Cataract. Lyon Méd., No. 26.

Schiötz, C. Cataract and Internal Secretion. Norsk. Mag. for Laegevidensk., lxxiv, p. 1201.

Van Lint. Cataract Operations with Conjunctival Flap and Sclerotomy. Soc. Belge d'Opht., No. 36, p. 68.

Repeated Titles. **Chevalier** (ii, p. 120) Ophthalmoscope, xi, p. 556. **Frenkel** (ii, p. 40) Ibid., p. 555. **Lagrange** (ii, p. 120) Ibid., p. 555. **Vital-Bérard** (ii, p. 40) Ibid., p. 555. **Von Sepibus** (iii, p. 89) Ibid., p. 544. **Weill** (iii, p. 25) Ibid., p. 556.

VITREOUS.

Brewerton, E. W. Cysts in Vitreous. Ophth. Soc. United Kingdom, xxxiii, p. 93.

Rollet and Genet. Late Intolerance of Crystalline Lens Luxated into Vitreous. Clin. Opht., xix, p. 535.

RETINA.

Axenfeld. Punctate Retinitis a Sequel to Pulsating Exophthalmos and Retinitis Externa Ossificans. Soc. Belge d'Opht., No. 36, p. 43.

Bachstez, E. Atypical Retinitis Circinata. (1 ill.) Klin. M. f. Augenh., Aug., p. 232.

Bertein. Continuing Retinal Hemorrhages of Renal Origin. Soc. de Méd. Mil. Fr. Bull., vii, p. 274.

Bradburne, A. A. Hole at Macula. (1 ill.) Opht. Rec., xxii, p. 538.

Callaert. Persistence of Images Impressed on Retina. Soc. Belge. d'Opht., No. 36, p. 105.

Coats, G. Pathologic Aspects of Retinal Vascular Disease. (2 pl., Dis.) Ophth. Soc. United Kingdom, xxxiii, p. 30.

Fleischer, B. Retinal Periphlebitis, Adolescence and Tuberculosis. Klin. M. f. Augenh., Aug., p. 245.

Grossmann. Epidemic Hemeralopia and Epithelial Xerosis. Halle Thesis.

Grünberg, K. Periodicity of After Images. Zeit. f. Biol., xli, p. 73.

Hepburn, M. L. Inflammatory Affections of Choroidal Blood Vessels at Macula. Ophth. Soc. United Kingdom, xxxiii, p. 87.

Choroidal Vascular Affection of Macula; Probably Thrombosis. Ibid., p. 86.

Janschke, W. Retinal Hemorrhage with General Blood Pressure. Jena Thesis.

Lawford, J. B. Late Changes in Thrombosis of Retinal Vessels. Ibid., p. 92.

Lerperger. Retinitis Proliferans with Detachment. Zeit. f. Augenh., xxx, p. 248.

Malz, K. Spontaneous Detachment of Retina. Tübingen Thesis. Klin. M. f. Augenh., Aug., p. 264.

Metafune, E. Influence of Light Stimulation of Retina on Oxidizing Power of Brain. Arch. di Ott., xix, p. 555.

Müller. Detachment of Retina Cured by Operation. Klin. M. f. Augenh., Aug., p. 254.

Ormond, A. W. Thrombosis of Retinal Veins. Ophth. Soc. United Kingdom, xxxiii, p. 89.

Ormond, A. W. Albuminuric Retinitis of Ten Years' Standing. (1 pl.) Ophth. Soc. United Kingdom, xxxiii, p. 90.

Pietzcker. Pre-retinal Bleeding. Tübingen Thesis.

Rochon-Duvigneaud and **Polack.** Retinitis of Pregnancy in Cicatricial Stage. (1 pl.) Ann. d'Ocul., cl, p. 88.

Sherman, E. S. Atrophy of Retina. Arch. of Ophth., xlii, p. 505.

Stargardt. Progressive Family Degeneration About the Macula. Zeit. f. Augenh., xxx, p. 95.

Stern, J. Angiomatosis of Retina. (2 ill.) Cent. f. p. Augenh., xxxvii, p. 298.

Taylor, I. Detached Retina (?) Neoplasm. Ophth. Soc. United Kingdom, xxxiii, p. 88.

Taylor, J. Vascular and Retinal Changes Associated with General Disease. Ibid., p. 1.

Weidler, W. B. Detachment of Retina and Choroid with Linear Rupture of Choroid. Arch. of Ophth., xlii, p. 515.

Wendler. Ocular Injury From Watching Solar Eclipse. Woch. f. Therap. u. Hyg. des Auges, xvi, p. 373.

Werner, L. Vascular and Other Retinal Changes Associated with General Disease. (2 ill.) Ophth. Soc. United Kingdom, xxxiii, p. 9.

Wray, C. Intraocular Hemorrhage or Neoplasm. Ibid., p. 83.

Repeated Titles. **Cords** (ii, p. 105) Ophthalmoscope, xi, p. 545. **Valois** and **Lemoine** (ii, p. 168) Ibid., p. 545. **Vinsonneau** (ii, p. 151) Ibid., p. 545.

TOXIC AMBLYOPIAS.

Dorrell, E. A. Sensory Pupil Reflex in Tobacco Amblyopia. Ophth. Soc. United Kingdom, xxxiii, p. 148.

Rönne. Pathologic Anatomy of Diabetic Toxic Amblyopia. (23 ill., 5 pl.) (Bibl.) Graefe's Arch. f. Ophth., lxxxv, p. 489.

Repeated Titles. **Vogt** (iii, p. 41) Ophthalmoscope, xi, p. 544.

OPTIC NERVE.

De Lapersonne, F. Optic Meningitis and Recent Syphilis. Arch. d'Opht., xxxiii, p. 465. Soc. Belge d'Opht., No. 36, p. 33.

Frenkel, H. Relations of Family Disease of Optic Nerve with Those of the Nervous System. (Bibl.) Cent. f. Augenh., xxxvii, p. 243.

Garcia del Mazo, J. Retrobulbar Optic Neuritis and Bilateral Paresis of Sixth Pair Following Diphtheria. (Bibl.) Arch. de Oft., xiii, p. 354.

Kleczkowski, I. Development of Optic Nerve. (3 pl.) (Bibl.) Graefe's Arch. f. Ophth., lxxxv, p. 538.

Santos Fernandez, J. Optic Neuritis and Blindness From Measles. Arch. de Oft., xiii, p. 350.

Taylor, J., and **Holmes, G. M.** Familial Optic Atrophy. (16 ill.) Ophth. Soc. United Kingdom, xxxiii, p. 95.
Nervous Symptoms Associated with Familial Optic Atrophy. (11 ill.) Ibid., p. 116.

Wagenhaüser. Optic Nerve Changes with Dislocation of Lens. Tübingen Thesis. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 372.

Wood, C. G. R. Pseudoneuritis. (1 ill.) (Bibl.) Ophthalmoscope, xi, p. 530.

Zani, D. Optic Neuritis During Lactation. (Bibl.) Ann. di Ott., xlii, p. 259.

Repeated Titles. **Haist** (iii, p. 73) Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 364.

OPTIC TRACTS AND CENTERS.

Augstein, G. Successful Operation at Fifteen Years for Congenital Blindness. Klin. M. f. Augenh., Aug., p. 247.

Blackowski, S. Studies on Internal Contrast. Zeit. f. Psychol. d. Sinnesorg., xlvii, p. 291.

Bonnefoy and Opin. Gumma of Chiasm. (7 ill.) Arch. d'Opht., xxxiii, p. 477.

Brunetière. Can Filaria of Eye Cause Cerebral Complications? (Bibl.) Ann. d'Ocul., cl, p. 100.

Davezac. Right Hemiplegia and Bilateral Paralysis of Upper Lids. Jour. d. Méd. de Bordeaux, xliii, p. 328.

Del Lago, G., and Zani, D. Infantilism and Tumors of Hypophysis. (1 pl.) Ann. di Ott., xlii, p. 269.

Doyne, R. W. Acromegaly, Pituitary Tumor Showing Fatigue of Fields for Color Before Failure of White Field. Proc. Roy. Soc. Med., May.

Fleischer, B. Diagnosis, Pathology and Therapy of Hypophysis Tumors. Klin. M. f. Augenh., Aug., p. 245.

Galezowski, J. Retrobulbar Neuritis. Mouvement Méd., i, p. 157.

Gaschignard, P. Persistence of Light Sensations in Blind Field in Hemianopsia. Paris Thesis., Klin. M. f. Augenh., Aug., p. 266.

Gross, J. H. Bitemporal Hemianopsia. Bull. St. Louis Med. Soc., vii, p. 399.

Harman, N. B. Bitemporal Hemianopsia with Evidence of Pituitary Tumor. Proc. Roy. Soc. Med., May.

Heine. Cerebral Pressure in Some Eye Diseases. Münch. Med. Woch., lx, p. 1305.

Knapp, A. Ocular Disturbances of Hypophyseal Disease. (13 ill.) New York St. Jour. Med., xiii, p. 482.

Larsen. Deformity of Skull with Eye Symptoms. (7 ill., Bibl.) Klin. M. f. Augenh., Aug., p. 145.

Lawford, J. B. Disease in Pituitary Region. Proc. Roy. Soc. Med., March. Ophthalmoscope, xi, p. 552.

Ormond, A. W. Permanent Hemianopsia Following Severe Migrain. (6 ill.) Ophth. Soc. United Kingdom, xxxiii, p. 138.

Potts, J. B. Comparative Measurements of Skull and Sella Turcica. Jour. Amer. Med. Assn., lxi, p. 1188.

Traquair, H. M. Bitemporal Hemianopsia. (12 ill.) Edinburgh Med. Jour., xi, p. 197.

Uhthoff, W. Central Congenital Amaurosis with Atrophy of Occipital Lobes. Klin. M. f. Augenh., Aug., p. 247.

Vail, D. T. Cerebral Localization From Standpoint of Oculist. (3 ill.) Jour. Ophth. Oto-Laryngol., vii, p. 239.

Repeated Titles. **Lenz** (iii, p. 122) Klin. M. f. Augenh., Aug., p. 249.

COLOR VISION.

Caillaud. Color Vision in Applicants for Railway Service. L'Opht. Prov., ix, p. 113.

Horniker, E. Test in Color Vision. Zeit. f. Augenh., xxx, p. 122.

Nettleship, E. On Cases of Accident to Shipping and on Railways Due to Defects of Sight. 54 p., London; Adlard and Son.

Vierling. Tests for Color Sense. Woch. f. Therap. u. Hyg. d. Auges., xvi, p. 366.

Watson, W. Luminosity Curves of Persons Having Normal and Abnormal Color Vision. Proc. Roy. Soc. Med., lxxxviii, p. 404.

Repeated Titles. **Yamaguchi** (iii, p. 123) Ophth. Lit., iii, p. 128.

EYEBALL.

Boulai. Enucleation-Evisceration. Clin. Opht., xix, p. 503.

Calhoun, F. P. Microphthalmos with Orbital Cyst (R): Partial Microphthalmos with Intraocular Changes (L). (4 ill.) Arch. of Ophth., xlii, p. 490.

Di Paola, P. Enucleation and Evisceration of Globe After Traumatic Panophthalmitis. N. Ercolani, Pisa, xviii, p. 145.

Fleischer, B. Unilateral Melanosis of Sclera, Iris and Eye-ground. (2 col. ill.) (Bibl.) Klin. M. f. Augenh., Aug., p. 170.

Wicherkiewicz. Implantation of Skin in Capsule of Tenon After Enucleation. (1 pl.) Soc. Belge d'Opht., No. 36, p. 38.

Wilder, W. H. Metastatic Ophthalmia. Jour. Amer. Med. Assn., lxi, p. 1140.

ANOMALIES.

Leplat, G. Fetal Cyclops. (3 ill., Bibl.) Arch. d'Opht., xxxiii, p. 469.

Marquez, M. Prepapillary Spiral of Retinal Artery. (Bibl.) Soc. Belge d'Opht., No. 36, p. 94.

Repeated Titles. **Greeff** (iii, p. 10) Ophth. Rev., xxxii, p. 286.

THE LACRIMAL APPARATUS.

Campos, E. Encysted Mucocele of Lacrimal Sac. (1 ill.) An. de Oft., xv, p. 457.

Fage. Tuberculosis of Lacrimal Sac. L'Opht. Prov., ix, p. 114.

Holdsworth, F. Abscess of Lacrimal Sac in Child One Month Old. Ophth. Rec., xxii, p. 544.

Tyson, H. H. Dislocation of Lacrimal Glands Associated with Basedow's Disease. Arch. of Ophth., xlii, p. 511.

West. Physiology of Tear Passages. Berlin Ophth. Gesell., July. Klin. M. f. Augenh., Aug., p. 254.

Wolffberg. Fibrolysin for Stricture of Lacrimonasal Canal. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 361.

Wray, C. Endothelioma of Lacrimal Gland. Ophth. Soc. United Kingdom, xxxiii, p. 77.

Repeated Titles. **Wissmann** (iii, p. 60) Ophth. Rev., xxxii, p. 281.

LIDS.

Claiborne, J. H. Ptosis. Arch. of Ophth., xlii, p. 504.

Di Giuseppe, T. Edema of Lids. Gazz. d. Osp., xxxiv, p. 640.

Grönholm, V. Method to Keep Upper Eyelid and Superior Fornix Everted. (3 ill., 1 pl.) Arch. of Ophth., xlii, p. 500.

Jarnatowski. Tarsitis Necroticans. Ophth. Rev., xxxii, p. 262.

MacCallan, A. F. Operation for Ectropion of Lower Lid. Ophthalmoscope, xi, p. 538.

Macnab, A. Operation for Excision of Conjunctival Sac and Lid Margin. Ophth. Soc. United Kingdom, xxxiii, p. 50.

Maggi, F. Marginoplasty with Mucous Flap for Entropion and Trichiasis. (Bibl.) Ann. di Ott., xlii, p. 139.

Rollet and Genet. Bilateral Blepharochalasis. Clin. Opht., xix, p. 535

Weidler, W. B. Blepharochalasis. (2 ill.) Jour. Amer. Med. Assn., lxi, p. 1128.

Wootton, H. W. Kuhnt's External Canthoplasty. Arch. of Ophth., xlii, p. 513.

ORBIT.

Feruglio, A. Pulsating Exophthalmos From Arterio-Venous Aneurysm of Internal Carotid. Ann. di Ott., xlii, p. 287.

Goldzieher, V. Death in Orbital Phlegmon. Szemezeti lapok. Budapest, i, 1912.

Mathewson, G. Pulsating Exophthalmos. Ophth. Rec., xxii, p. 543.

Moret and Van Duyse. Elephantiasis of Face with Ptosis of Contents of Orbit. Belgique Méd., Aug. 3.

Van Lint. Two Cases of Tumor of Orbit Operated by Krönlein's Method. La Policlin., Aug. 1.

Weeks, J. E. Operation for Contracted Orbit. Inter. Med. Cong., Brit. Med. Jour., Aug. 16, p. 398.

Wray, C. Exostosis of Orbit. Ophth. Soc. United Kingdom, xxxiii, p. 76.

TUMORS.

Blake, E. M. Orbital Osteoma. (2 ill.) Ophth. Rec., xxii, p. 419.
Cords, R. Carcinoma of Orbit Starting in Caruncle. (1 pl., 1 ill.) Zeit. f. Augenh., xxx, p. 116.
Fagin, R. Epithelioma of Ocular Conjunctiva. Mississippi Med. Mo., xviii, September.
Fehr, O. Ocular Lesions of Multiple Neurofibromatosis. (2 ill.) Cent. f. p. Augenh., xxxvii, p. 233.
Gibson, J. L. Sarcoma of Iris. Australasian Med. Gaz., xxxiv, July 5.
Hepburn, M. L. Sarcoma of Ciliary Body. Ophth. Soc. United Kingdom, xxxiii, p. 85.
Jean, G. W. Lymphosarcoma of Conjunctiva. Arch. of Ophth., xlii, p. 512.
Maggi, F. Epithelial New Growths of Limbus. (1 pl.) Ann. di Ott., xlii, p. 128.
Mayou, M. S. Angioma of Conjunctiva. Ophth. Soc. United Kingdom, xxxiii, p. 55.
Mellinger. Pseudo-Tumors of Conjunctiva and Cornea. Arch. d'Opht., xxxiii, p. 524.
Muncaster, S. B. Orbital Cellulitis Caused by Staphylococci. (1 ill.) Ophth. Rec., xxii, p. 413.
Raubitschek, B. Tumor of Iris. Zeit. f. Augenh., xxx, p. 249.
Rollet and Genet. Congenital Cyst of Inner Angle of Upper Lid. Lyon Méd., cxx, p. 1104.
Cutaneo-mucous Epithelioma of Lids. Clin. Opht., xix, p. 535.
Metastatic Cancer of Orbit. Ibid., p. 535.
Terrien, F. Sarcoma of Orbit Removed with Preservation of Eyeball. (5 ill., Dis.) Soc. Belge d'Opht., No. 36, p. 76.
Valli, O. Hematoma of Orbit. (Bibl.) Ann. di Ott., xlii, p. 65.
Van Duyse. Chondrosarcoma of Orbit. Soc. Belge d'Opht., No. 36, p. 62.
Weeks, J. E. Exenteration of Orbit for Lymphosarcoma. Arch. of Ophth., xlii, p. 504.
Wood, D. Sarcoma of Orbit Following Mules' Operation. Ophth. Rec., xxii, p. 422.

INJURIES.

Allport, F., and Rochester, A. Cacodylate of Sodium in Kerato-Iritis Due to Lime Burn. Ophth. Rec., xxii, p. 546.
Arbez. Extraction of Magnetic Foreign Bodies From Eyeball. Lyons Thesis. Klin. M. f. Augenh., Aug., p. 261.
Braun, A. Staphyloma and Papillitis After Lime Injury of Eyes. Munich Thesis. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 367.
Elschnig, A. Statistics of Ocular Injuries by Splinters of Iron. Cent. f. p. Augenh., xxxvii, p. 230.
Francis, L. M. Surgical Treatment of Penetrating Wounds of Sclera by Double Conjunctival Flap. (1 ill.) Jour. Amer. Med. Assn., lxi, p. 1177.
Genet. Magnet Extraction of Shot From Orbit. Rev. Gén. d'Opht., xxxii, p. 337.
Haughey, W. Removal of Foreign Bodies From Eye. (1 ill.) Jour. Mich. State Med. Soc., xii, p. 477.
Higbee, E. H. Foreign Body in Eyeball. Bull. St. Louis Med. Soc., vii, p. 402.
Knapp, A. Traumatic Equatorial Rupture of Sclera. (1 pl.) Arch. of Ophth., xlii, p. 494.
Lafon. Foreign Bodies in Cornea. Gaz. Méd. de Paris, No. 203. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 367.
Lambert, W. E. Foreign Bodies in Eye. Arch. of Ophth., xlii, p. 510.
Lampé. Innerpole Magnet and Sideroscopy. Tübingen Thesis. Klin. M. f. Augenh., Aug., p. 260.
Ohlemann. Golf Ball Injuries. Klin.-Therap. Woch., xx, p. 604.

Ricchi, G. Ocular Hysterical Trauma. Soc. Med. d. Assic. d. Infort. di Lavoro Milan, vi, p. 97.

Schweinitz, G. E. de. Certain Ocular Injuries. Therap. Gaz., xxix, p. 533.

Stieren, E. Management of Foreign Bodies in Eye and Orbit. (3 ill.) Ophth. Rec., xxii, p. 533.

Tacke, R. Contusion of Eye by Gunshot. Inclusion of Ball in Orbit. Ann. d. l'Inst.-Chir. d. Brux., xx. p. 82.

Thomason, H. E. Golf Ball Burn of Eye. Jour. Amer. Med. Assn., lxi, p. 965.

Thomson, E. S. Conjunctival Flap in Wounds of Cornea and Sclera. (1 ill.) Amer. Jour. Surg., xxvii, p. 332.

Van der Miune, A. Location of Foreign Bodies in Eye. Nederl. Tydschr. v. Geneesk., 1913, i. p. 1125.

Van Lint. Splinter of Copper in Eyeball. La Polyclin., Aug. 1.

Wray, C. Double Rupture of Choroid Between Macula and Disc. Ophth. Soc. United Kingdom, xxxiii, p. 84.

Repeated Titles. **Vantey** (ii, p. 44) Klin. M. f. Augenh., Aug., p. 260.

PATHOLOGY.

Bateson, W. Heredity. Lancet, Aug. 16, p. 451.

Hess, C. General Pathology of Vision. Handb. d. Allg. Path. 2 Abt., ii, 387, Leipsic.

Rados, A. Secretion of Carmine and Trypan Blue After Intravenous Injection. (1 pl.) Graefe's Arch. f. Ophth., lxxxv, p. 381.

Repeated Titles. **Dold** and **Rados** (iii, p. 125) Med. Rec., lxxxiv, p. 401.

GENERAL DISEASES.

Auerbach, S., and Brandt, R. Multiple Sclerosis with Visual Disturbance. Med. Klin., July 27. Jour. Amer. Med. Assn., lxi, p. 814.

Bardet, G. Ophthalmic Migraine with Dyspepsia. Bull. Gén. d. Thérap., etc., clxv, p. 643.

Barillatti, J. Amaurosis Cured by Salvarsan. Semana Med., xx, p. 1026.

Breda. Ocular Leprosy. Gior. Ital. d. Mal. Ven. Milan, xlviii, 214.

Kohn, K. Tuberculosis of Iris and Optic Nerve Sheath in Cattle. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 354.

Meller, J. Choked Disc and Abducens Paralysis with Chlorosis. Cent. f. p. Augenh., xxxvii, p. 271.

Parker, W. R. Relation of Ophthalmology to Diseases of Nose and Accessory Sinuses. Jour. Amer. Med. Assn., lxi, p. 1235.

Phillips, S. L. Amblyopia and Diplopia Following Suppression of Menses. Med. Rec., lxxxiv, p. 573.

Porto, M. Ocular Tuberculosis and Tuberculin. Arch. de Oft., xiii, p. 389.

Sherman, E. S. Syphilis of Eye. Jour. Med. Soc. New Jersey, x, p. 180.

Silberzweig. Ocular Lesions of Congenital Syphilis. Nancy Thesis.

Terrien, F. Ocular Tuberculosis. Progrès Méd., xxix, p. 178.

Turner, H. H. Ocular Manifestations Secondary to Disease of Nose and Accessory Sinuses. Pittsburgh Med. Jour., i, p. 49.

Repeated Titles. **Abadie** (ii, p. 75) Ophthalmoscope, xi, p. 541. **Beauvieux** (ii, p. 124) Ibid., p. 561. **Danis** (iii, p. 29) Ibid., p. 541. **Mackay** (ii, p. 172) Ibid., p. 561. **Mouradian** (ii, p. 44) Ibid., p. 541. **Wissmann** (iii, p. 126) Klin. M. f. Augenh., Aug., p. 249.

COMPARATIVE OPHTHALMOLOGY.

Pignède. Histologic Research on Zonule of Zinn in Animals. Lyons Thesis.

Ruata, V. Bacterial Flora of Normal Conjunctiva in Domestic Animals. Arch. di Ott., xix, p. 566.

Schleich, G. Historical Sketch of Comparative Ophthalmology. Cent. f. p. Augenh., xxxvii, p. 292.

HYGIENE.

Bates, W. H. Prevention of Myopia in Public Schools. New York Med. Jour., Aug. 30.

Black, N. M., and Vaughn, F. A. Artificial Illumination a Factor in Ocular Discomfort. (4 ill.) Jour. Amer. Med. Assn., lxi, p. 1183.

Protection of Eyes of School Children. Wisconsin Med. Jour., xii, p. 63.

Ensch. School Hygiene and Medical Inspection. Rev. Int. d'Hyg. et de Thérap. Oculaires, vii, p. 122.

Ginestous, E. Typography and Ocular Hygiene. Jour. de Méd. de Bordeaux, xliii, p. 115.

Ives, H. E. Visual Acuity Test Object. Abst.-Bull. Phys. Lab. Natl. Electric Lamp Assn., Cleveland, p. 35.

Luckiesh, M. Dependence of Visual Acuity on Wave Length of Light. Ibid., p. 49.

Monochromatic Light and Visual Acuity. Ibid., p. 45.

Medical Inspection of Schools in Neufchatel. Rev. Int. d'Hyg. et de Thérap. Oculaires, vii, p. 113.

Precerutti, C. G. New Therapeutic Agent in Ophthalmology. Fifteenth Int. Cong. Hyg. and Demogr., iii, p. 605.

Report of Committee on Conservation of Vision in Indiana. Jour. Ind. State Med. Assn., vi, p. 407.

Rhoads, J. N. Reflecting Book Marker, Teaching How to Avoid Eye Strain. (2 ill.) Ophth. Rec., xxii, p. 416.

Repeated Titles. **Oeller** (iii, p. 13) Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 374.

ECONOMICS.

Glasses for Members of Sick Benefit Clubs. Woch. f. Therap. u. Hyg. d. Auges, xvi, p. 375.

Gould, G. M. Eyestrain and Occupational Disease. Fifteenth Int. Cong. Hyg. and Demogr., iii, p. 582.

Lewis, F. P. Conservation of Vision at 12th International Congress of Ophthalmology. Ophth. Rec., xxii, p. 526.

Nettleship, E. Accidents From Defective Sight. London: Adlard and Son.

PROFESSIONAL RELATIONS—EDUCATION—HISTORY.

Albertotti, G. Eulogy of Hirschberg. Cent. f. p. Augenh., xxxvii, p. 225.

Spectacles in Painting. (Bibl., 1 pl.) Ann. di Ott., xlii, p. 121.

Allport, F. Difficulties of Securing Proper Training for Ophthalmic Practice in Medical Colleges, etc. Ophth. Rec., xxii, p. 435.

Cross, F. R. Discussion on Present Position of Ophthalmology. Ophthalmoscope, xi, p. 518.

Davis, A. E. Preparation and Needs of Students Seeking Post-Graduate Instruction in Ophthalmology. Ophth. Rec., xxii, p. 440.

De Grosz, E. Present Position of Ophthalmology in Hungary. Ophthalmoscope, xi, p. 517.

Doyne, R. W. Present Position of Ophthalmology. Ibid., p. 508.

Hawthorne, C. O. Relation of Ophthalmology to General Medicine. Ibid., p. 513. Lancet, Sept. 6, p. 707.

Jackson, E. How Ophthalmologists Have Prepared Themselves for Practice. Ophth. Rec., xxii, p. 429.

Lancaster, W. B. Physiologic Optics the Basis for Teaching Clinical Ophthalmology. Jour. Amer. Med. Assn., lxi, p. 1090.

Preparation for Ophthalmic Practice. Ophth. Rec., xxii, p. 524.

Reeve, R. A. Present Position of Ophthalmology in Canada. Ophthalmoscope, xi, p. 513.

Stephenson, S. Present Position of Ophthalmology in Great Britain. Ibid., p. 520.

Wood, C. A. Teaching Pathology to Students of Ophthalmology. Ophth. Rec., xxii, p. 444.

Woods, H. Optometry, Conservation and Education. Jour. Amer. Med. Assn., lxi, p. 1085.

Zentmayer, W. Systematizing and Improving the Teaching of Ophthalmology, Post-graduate Medical Schools and Eye Hospitals. Ophth. Rec., xxii, p. 448.

Abstracts From Foreign Journals

Bergmeister, R., Genesis of Orbital Cysts and Retinal and Choroidal Anomalies Occurring in Microphthalmus. (Graefe's Archiv für Ophthalmologie, LXXXV, page 1.)

The two eyes were obtained from a 10-month-old child which had died of gastro-enteritis. Both eyes were abnormally small and lay deep in the orbit. In the right eye the cornea and anterior chamber were normally developed. A persistent pupillary membrane showed signs of beginning resorption. There were small atypical colobomata of the choroid above the horizontal meridian, unconnected with the fetal cleft. There was also a typical coloboma of the choroid, a large mass of mesodermal tissue protruding into the vitreous cavity in the region corresponding to the fetal ocular cleft. To either side of this the inner layer of the retina (pars optica) was ectropic, its junction with the pigment epithelium occurring at some distance from the mass of mesodermal tissue. There were other developmental defects of the optic part of the retina, including a large tumor-like structure, smaller glious nodules lying free in the vitreous, and "rosettes." The optic disc was absent. The orbital cyst did not communicate with the vitreous cavity, but was continuous with the space between the pigment epithelium and the pars optica (primary optic vesicle). The inner lining of the larger of the two orbital cysts consisted of glial tissue, continuous on the one hand with the pigment epithelium, and on the other hand, with the retinal folds. There was no central vessel in the orbital part of the hypoplastic optic nerve, which ran principally in the nasal wall of the cyst. The outer wall of the cyst had the anatomical structure of the dural and arachnoid sheaths.

The left and smaller eyeball showed lens anomalies; a persistent strand of mesoderm in the small posterior cavity of the bulb reaching to the posterior surface of the lens; scanty vitreous with persistent blood vessels, and a rudimentary disc. The convolutions of the pars optica extended to an opening in the sclera and choroid, which topographically and anatomically corresponded to the optic canal. As in the first eye, this canal formed a communication with the orbital cyst, which was thus connected with the primary optic vesicle, and not with the vitreous cavity. The nerve stem on this side contained a central vessel. The structure of this cyst resembled that on the right side. There was a typical coloboma of the choroid, represented by mesodermal remains.

The novelty of the case consists in the fact that the neck of the cyst was identical with the optic canal, the larger orbital cyst on either side being really the cavity of the optic stalk, greatly expanded by fluid. The grounds upon which this conclusion is arrived at are: The identity of the external wall of the orbital cysts with the sheaths of the optic nerve; the presence of a hypoplastic optic nerve, which in the region of the cyst appeared as orbital section of the nerve; the presence in the inner wall of the cyst of remains of the embryonic epithelium, and the communication between the pathological cavity of the fetal ocular stalk and the space between the pigment epithelium and the pars optica.

Ophthalmic Journals

American Journal of Ophthalmology, St. Louis, Mo.
Anales de Oftalmologia, Mexico City, Mexico.
Annales d'Oculistique, Paris, France.
Annali di Ottalmologia, Pavia, Italy.
Annals of Ophthalmology, St. Louis, Mo.
Archiv für Augenheilkunde, Wiesbaden, Germany.
Albrecht v. Graefe's Archiv für Ophthalmologie, Leipsic, Germany.
Archiv für vergleichende Ophthalmologie, Leipsic, Germany.
Archives d'Ophtalmologie, Paris, France.
Archives of Ophthalmology, New York, N. Y.
Archivio di Ottalmologia, Naples, Italy.
Archivos de Oftalmologia Hispano-Americanos, Barcelona, Spain.
Atti dell'Associazione Ottalmologica Italiana, Pavia, Italy.
Beiträge zur Augenheilkunde, Leipsic, Germany.
Centralblatt für praktische Augenheilkunde, Leipsic, Germany.
La Clinica Oculistica, Rome, Italy.
La Clinique Ophtalmologique, Paris, France.
Journal Ophthalmology and Oto-Laryngology, Chicago, Ill.
Journal Ophthalmology, Otology and Laryngology, Lancaster, Pa.
Klinische Monatsblätter für Augenheilkunde, Stuttgart, Germany.
Mitteilungen aus der Augenklinik des Carolinischen Medico-Chirurgischen Instituts, Jena, Germany.
Nippon Gankwa Gakukwai Zasshi, Tokyo, Japan.
Ophthalmic Literature, Denver, Colo.
Ophthalmic Record, Chicago, Ill.
Ophthalmic Review, London, England.
L'Ophtalmologie Provinciale, Tours, France.
Ophthalmology, Seattle, Wash.
Ophthalmoscope, London, England.
Postep Okulistyczny, Krakow, Russia.
Pratica Oculistica, Rome, Italy.
Progresso Ottalmologico, Palermo, Italy.
Revue Générale d'Ophtalmologie, Paris, France.
Revue Internationale d'Hygiène et de Thérapeutique Oculaires, Paris, France.
Rivista Italiana di Ottalmologia, Rome, Italy.
Sammlung Zwangloser Abhandlungen aus dem Gebiete der Augenheilkunde, Halle a. S. Germany.
Viestnik Ophthalmologie, Moscow, Russia.
Wochenschrift für Therapie und Hygiene des Auges, Dresden, Germany.
Zeitschrift für Augenheilkunde, Berlin, Germany.

Advertisement.

Ophthalmic Year Book

VOLUME IX.

This volume has recently been issued. It contains over 500 pages, embracing a digest of the ophthalmic literature of the world, for 1911 and 1912; with a bibliography of all important papers therein mentioned, illustrated with numerous cuts. The bibliography occupies 72 pages, including references to about 2,300 papers and monographs.

The following opinions of the Ophthalmic Year Book have been expressed by leading ophthalmic journals:

"Its completeness, the judicious selection and the perspicuous arrangement of the subjects are admirable. . . . Its price is nothing compared to its value to the student."—American Journal of Ophthalmology, Dec. 1911.

"It has the unqualified endorsement of all ophthalmologists who are properly familiar with it; and deserves immediate introduction to the shelves of all ophthalmologists who are yet to learn its value."—Annals of Ophthalmology, Jan. 1912.

"It would seem that the merits of this Year Book must be sufficiently apparent to every active oculist to lead him to subscribe."—Archives of Ophthalmology, March 1912.

"We have frequently before had to express our admiration of the wonderful completeness of this record of the year's work in ophthalmic science, and to marvel at the energy and work that must have gone to its completion."—Ophthalmic Review, Feb. 1912.

"For comprehensiveness the Ophthalmic Year Book has no equal in our language. It well nigh passes comprehension how any ophthalmic surgeon can afford to be without it."—The Ophthalmoscope, Apr. 1912.

The Ophthalmic Year Book will be sent postpaid on receipt of price, Five Dollars.

Herrick Book and Stationery Company,
934 Fifteenth Street,
Denver, Colorado,
U. S. A.

Printed by Western Newspaper Union